

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/010630

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G02F1/167

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) -& JP 2003 344880 A (SEIKO EPSON CORP), 3 December 2003 (2003-12-03) the whole document	1-6
Y	-----	7
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 092 (P-1009), 20 February 1990 (1990-02-20) -& JP 01 300230 A (NIPPON MEKTRON LTD), 4 December 1989 (1989-12-04) the whole document	1-6
Y	----- -/-	7

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*V\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*8\* document member of the same patent family

Date of the actual completion of the International search

5 September 2005

Date of mailing of the International search report

23/09/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 013, no. 537 (P-968), 30 November 1989 (1989-11-30) -& JP 01 221788 A (NIPPON MEKTRON LTD), 5 September 1989 (1989-09-05) the whole document	1-6
Y	-----	7
Y	US 6 392 786 B1 (ALBERT JONATHAN D) 21 May 2002 (2002-05-21) figure 3 column 7, line 4 - line 62 -----	7

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Information on patent family members

International Application No	
PCT/JP2005/010630	

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
JP 2003344880	A 03-12-2003	NONE		
JP 01300230	A 04-12-1989	JP 2612471 B2		21-05-1997
JP 01221788	A 05-09-1989	NONE		
US 6392786	B1 21-05-2002	AU 5779200 A EP 1192504 A2 JP 2003504666 T WO 0102899 A2		22-01-2001 03-04-2002 04-02-2003 11-01-2001